

## INTERNATIONAL SEARCH REPORT

 Application No  
 PCT/FR 03/02028

 A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 C07D401/12 C07D401/06 A61K51/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

 Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
 EPO-Internal, WPI Data, PAJ, CHEM ABS Data, BEILSTEIN Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages                                                                                                                                                                                                                                                                                                     | Relevant to claim No. |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| X          | WILBUR D S: "RADIOHALOGENATION OF PROTEINS: AN OVERVIEW OF RADIONUCLIDES, LABELING METHODS, AND REAGENTS FOR CONJUGATE LABELING" BIOCONJUGATE CHEMISTRY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, US, vol. 3, no. 6, 1 November 1992 (1992-11-01), pages 433-470, XP000328382 ISSN: 1043-1802 abstract<br>* equation (15) *<br>examples 60,62; table V<br>tables IV,V,VIII<br>---<br>-/- | 1,11                  |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*C\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

27 November 2003

Date of mailing of the international search report

12/12/2003

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT |                                                                                                                                                                                                                                                                                                                                      |                       |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Category *                                           | Citation of document, with indication, where appropriate, of the relevant passages                                                                                                                                                                                                                                                   | Relevant to claim No. |
| X                                                    | C-Y SHIUE: "Synthesis of 18F-labelled N-(p-'18F!fluorophenyl)maleimide and its derivatives for labelling monoclonal antibody with 18F"<br>JOURNAL OF LABELLED COMPOUNDS AND RADIOPHARMACEUTICALS, SUSSEX, GB, vol. 26, 1989, pages 287-289, XP002091356<br>ISSN: 0362-4803<br>cited in the application<br>abstract; example 9<br>--- | 1,11                  |
| A                                                    | WO 99 11590 A (GRIFFITHS GARY L<br>;IMMUNOMEDICS INC (US))<br>11 March 1999 (1999-03-11)<br>page 7, line 31<br>claims 1-4<br>---                                                                                                                                                                                                     | 1,11                  |
| A                                                    | US 5 242 680 A (CHOREV MICHAEL)<br>7 September 1993 (1993-09-07)<br>claims 1-4<br>-----                                                                                                                                                                                                                                              | 1,11                  |

# INTERNATIONAL SEARCH REPORT

Information on patent family members

Application No

PCT/FR 03/02028

| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
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